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The Official Paper of the
University of Toronto Engineering Society

Volume 11, Number 6
March 1989

THE CANNON

8T9 Capers

ELECTION ISSUE!!!

page 4 & 5

Editorial:

The Editors' Last Cannon

It's that time of the year again when everyone starts doing the 'EngSoc Shuffle'. Yes, it's Election Time! And this is the Election Issue of *The Cannon*. Not only that, but it's probably the last issue for these two editors. [Anyone interested in joining either *The Cannon* or the *Yearbook* staff can leave his/her name and number in the respective mailboxes in EngSoc].

Andrew Wyllie, Engineering Communications Chairman, is always telling us that we, the Cannon Editors, are here to criticize the Engineering Society, but we rearely do so. Quite frankly, it's difficult to criticize the other member of EngSoc when most of them are your friends! The other thing is, other than the controversy regarding the other Engineering-produced paper, *TheToike*, there wasn't really very much that we couldcomplain about.Instead, we would like to give recognition to the many students whohelped to make this year the best one so far.

Thanks to: the many members of the Orientation Committee; Virginia Jung, who planned andcoordinated Engineering Career Week; Rino Zan, who organized Godiva Week; Steffen Waite, who organized the tripto Kitchener-Waterloo for Oktoberfest as well as the Cannonball; Aldo Sperduti and the Engineering Athletic Association Commissioners for the contributions and promotion of sports in Engineering; Grant McCracken for for organizingGrad Ball; Peter Mabee, for promoting 'Graditude'; Heather Hinton andJoseph Eratostene for organizing Shinerama; Suds Managers Victor Kvrgic and Nancy Battistel; Skule™ Nite Producer Ken Kiang and the cast and crew; Camile Dionne, for organizing various functions for the Women's Committee ; LGMB Leedurs Donna Cieszynska, Peter Noble, and Aaron Laing; and all of the Faculty Council Reps, SAC Reps, Governing Council Reps, Pro-Fac Reps, and Club Chairmen.

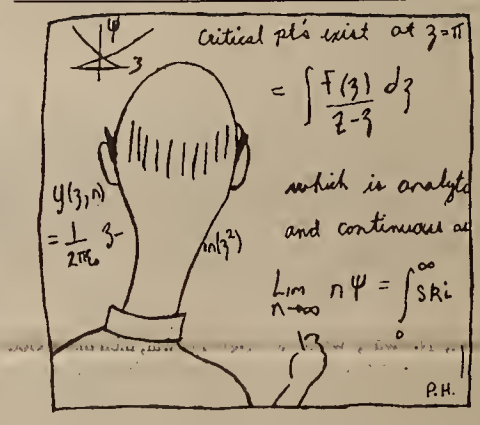
Now for the criticism...

I was really surprised to see that not very much interest was displayed by the student body this year in Eng Soc Elections. There are a few races this year; the positions of President, Vice-President Eternal and Secretary are yet to be decided this week. We were hoping for a few more races, but I guess the heavy work load involved with any position on the Executive Council could be the deciding factor for many students.

I hope that more voters will turn up for the Eng Soc Elections than the number that voted on the Toike Referendum (approximately 33%). It's about time more students showed interest in Skule™ ativities!

Thank-you for your support this year.

Karen Carneiro
and
Alex Rocha,
Editors



PROFESSOR SMITH PROVES
THAT THE SKY IS THE LIMIT.

Letter to the Editor

To the Editor:
As engineers, we understand the importance of the role of Campus Beverage Services [CBS], the organization which has a monopoly on the distribution of alcohol to all campus pubs. The Presidential ticket of Charles Blattberg and Kristin Honey seems to be the only one which understands this as well. Their platform is the only one that deals with the lack of responsiveness of CBS to students' needs.

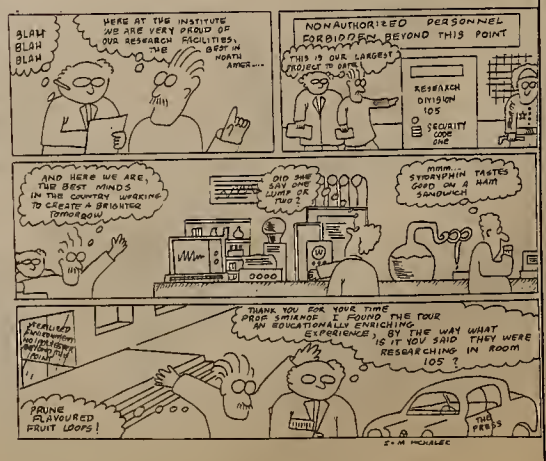
The price of beer is much too high [a 43% markup], and CBS has refused to allow wet and dry pubs which means underaged first year students cannot get into their own college pubs. Think of it: you're a first year student, you pay your student fees to your college like everyone else, but when the weekend rolls around and all your older friends trundle off to the pub, you have to stay at home and feed the goldfish. Not fair. If CBS had student representation on it like Charles and Kristin have proposed, they would have realized much sooner that this was the year Ontario schools lost grade 13, making the vast majority of first year students underaged. There is student representation almost everywhere else on campus [GC, academic appeals committees, etc...], why not CBS? It must be made more responsive.

It is because of their innovative ideas like this one about CBS and the extensive experience they have with the university community that we are voting for Charles Blattberg and Kristin Honey for SAC.

Joe Hutton
Eng Sci 8T9

John McKay
Geo Eng 9T0

UNPARALLEL THINKING


BLAH BLAH BLAH
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NON AUTHORIZED PERSONNEL FORBIDDEN BEYOND THIS POINT
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SECURITY CODE ONE
AND HERE WE ARE, THE BEST MINDS IN THE COUNTRY WORKING TO CREATE A BRIGHTER TOMORROW
DID SHE SAY ONE JUMP OR TWO ?
MMM STORYPHIN TASTES GOOD ON A HAM SANDWICH
THANK YOU FOR YOUR TIME PROF SMIRNOF I FOUND THE TOUR AN EDUCATIONALLY ENRICHING EXPERIENCE, BY THE WAY WHAT IS IT YOU SAID THEY WERE RESEARCHING IN ROOM 105 ?
PRUNE FLAVOURED FRUIT LOOPS !
THE PRESS
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The Cannon is a publication of the University of Toronto Engineering Society. It is published monthly to announce Eng Soc events, to discuss faculty and university matters, and to present current and technical information of interest to engineering undergraduates.
The Cannon encourages submissions; please type or print legibly.
Comments on *The Cannon* or on articles appearing therein are appreciated. The editors will make every effort to publish such material, but reserve the right to edit for brevity.
The opinions presented herein are not necessarily those of the Engineering Society.
Subscriptions to *The Cannon* are available if desired. Call Julie at 978-2917.
Anyone interested in helping with *The Cannon* is most welcome. We are located in the Engineering Communications Office, Room B670, Sandford Fleming Building, 10 King's College Road, Toronto.

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Personal Opinion,

Can a Leopard Change Its Spots?

On the land masses that make up the brown-green on an insignificant little planet a battle is being fought. Slowly but surely sides are being taken as the struggle for power continues. Pick and choose, win or lose, it's up to you. Do you want to live in a democratic, or a so-called "socialist" state?

After World War I a young soldier named Adolf Hitler wrote a book telling of what he wanted to do with the world. No one listened soon enough. Karl Marx wrote a book, explaining his philosophies on government. It's time we listened.

Democracy means you can vote for people like yourself (or you can even be elected) to represent you and your neighbours in the government. The term 'one man, one vote' has been used to explain our voting system. But what good is your vote if there is only one person to vote for? In a "communist" country, you may vote for your party members, but your choices are non-existent. At least we usually have over five parties to choose from, and if we dislike all of these, there are usually independents running.

Can a leopard change it's spots? Glasnot. We already have "Pravda", which means "truth", as the official newspaper of the Kremlin. From what I've seen, it sounds like the "National Enquirer". How much more truth do we need? Are our eyes blind to what the U.S.S.R. has done and what it will do? They have sworn to control the world. I don't like that. Maybe life is not all it can be in Canada, but I can think of many people that aren't as nearly well off.

Our "allies" in World War II didn't liberate eastern Europe, they took it over. A military rule can be called many things, but it still boils down to the same government. We helped liberate France, Belgium, Austria, Holland, Norway, what is now West Germany, and a couple of others. Try telling those people that their country is being run by Washington. Now try Poland, Czechoslovakia, Romania, Albania, Yugoslavia, Lithuania, Latvia, and Estonia. No, Washington doesn't control these countries either. Moscow does. Afghanistan almost went that way too. Now what's left of that country gets to try to put the pieces back together.

The thin line between life and death is always on our minds. Nothing lately has been as bad as the Cuban missile Crisis, but we are guaranteed M.A.D. -mutually assured destruction. I won't kill you if you don't kill me. Sounds fair enough. We have enough nuclear weapons to destroy the world 50 times over. Once is too many. But by conventional weapons, they have us hands down. The only thing stopping world domination is M.A.D.

"If that's the only thing that's stopping war, then thank God for the bomb" - John Osbourne

I don't trust our own government. But I'll take them any day over the Soviets. Freedom of the press. The right to stand up and say what you believe to be true. To be free from religious persecution. What does Canada and the rest of democratic countries mean to you? A place to live knowing that you have many rights as an individual, knowing that no one can take those away from you.

We share the same Earth, and this is the only one we have. What is preventing us from living in harmony? Both types of governments subject their populations to propaganda. You may feel that this is propaganda. But I'll say one thing: I can state my opinion here without fear of persecution. You will never see an editorial like this in "Pravda". Democracy may have its faults, but given the choice, "give me liberty or give me death".

by:
Kevin Linfield
End Sci 9T1

Beyond the Speed of Light

It was one of Einstein's postulates that the speed of light (3 E+8) was the maximum speed obtainable. The Lorentz transformations and the famous $E=mc^2$ depend on this assumption for their validity. Experiments done to date have verified this. Therefore, a body under constant acceleration would reach a finite speed close to the speed of light and as we increase its speed, the amount of energy required to do this increases geometrically until an infinite amount of energy is required to pass the speed of light.

We do know that light travels at different speeds in different mediums. Light is fastest in a vacuum, slower in glass or water. Imagine being in a vehicle that could travel .99 the speed of light in a vacuum. You would be able to race a beam of light that was in water, for example, and win. As long as you are traveling at less than the speed of light in that medium, you are not breaking any scientific laws.

Science Fiction writers have the difficulty of trying to explain to their readers that faster-than-light travel will be possible one of these days. The way many of them get around it is to assume that another physical dimension exists at right angles to our x,y, and z directions. Call this new dimension hyperspace. If light travels in this "region" of space-time at twice or even three times that of light in a vacuum, then interstellar travel becomes reality. Just have your rocket go into hyperspace, accelerate to whatever fraction the speed of light is faster than light in a vacuum, and leave hyperspace at your destination at less than the speed of light in that area of space-time and we're done. At no time have we gone faster than light in that particular medium. We're just traveling through a different physical area of space-time that does not have the same physical interpretations as ours do.

The existence of particles that travel faster than light in normal spacetime have haunted scientists for years. The famed Tachyons are particles that have the lower limit of their speed to be that of light and practically no upper bounds. The argument for their existence goes something like this: we cannot detect them because they move faster than light. But theoretically they can exist and therefore they do so. A nice circular argument.

Until someone is able to prove experimentally that these particles exist, we must rely on Einstein's paper and state that nothing can travel faster than the speed of light. Hopefully one day some brilliant engineer will make a spaceship capable of "warp speed" or the existence of "hyperspace" will be a reality. I suspect that neither will become reality in the immediate future.

By Kevin Linfield
Eng Sci 9T1

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Second Mile Engineer Award

As Chairman of the Scholarships and Awards Committee of the Council of the Faculty of Applied Science and Engineering, I would like to announce that the 3T5 Second Mile Engineer Award for the 1988-89 Session has been awarded to Mr. Peter R. Mabee, a student in fourth year, Engineering Science.

This award is given annually to the fourth year engineering student whose extracurricular contributions and accomplishments during tenure in the university are judged to be outstanding. The Award Committee was encouraged by the response from excellent applicants from all engineering departments.

Mr Mabee will receive this award at the 3T5 Second Mile Award Dinner at Diana Sweets on Wednesday, February 8, 1989.

This award is a significant one for the Faculty and I would appreciate any publicity which you might wish to provide.

Sincerely yours,
M. Basset
Chairman

Career Centre

Engineers:
Does the thought of job searching make you feel uneasy?? If you think it is good idea to have a service which would:
-provide convenience i.e. do all the job searching
-have your resume on an employer's desk within 24 hours of receiving an employer's call
-require no covering letter to be prepared by you
-be competetive with other universities which offer a similar service
-be unique to engineering graduates only!
... then think no more. The ENGINEERING REFERRAL SERVICE provides you with all of the above and more. If you are graduating this year or are a graduate within the last two years, drop by the Career Centre and pich up your registration forms. For 1989 graduates, registration begins in March at the Permanent Employment Service desk.

Election

President

Cosetta Caporrella

Hi, my name is Cosetta Caporrella and I am running for the position of President of the Engineering Society. I presently hold the position of Vice President of Activities and previously, the position of Orientation 88 Chairperson. I am happy to see that this year we are actually having an election, not just acclamations. I guess this means that more people are getting involved with the Eng Soc and that's always good. The Eng Soc is NOT an exclusive club, it's NOT just for people whose friends are on the executive, it's NOT just for people who initially got involved in first year .... IT'S FOR EVERYONE, all Engineering undergraduates. You should take advantage of all that the Eng Soc has to offer and the Eng Soc needs new and innovative ideas, definitely one of the things I have provided in the past. I personally did not get involved from first year, besides being class rep, but these past few years that I have been involved, have been great! I'm not going to remember university as that midterm I studied oh so hard for, or that assignment I worked on all term .... I'm going to remember the always entertaining Eng Soc meetings, months of planning for orientation, postering SF with notices of upcoming events, the successful first annual F!rosh Night and getting a pie in the face in the middle of the atrium.

If I were elected President, I would want to encourage involvement in the Eng Soc, on an activities level as well as with its administration (there's so much to learn within our 'corporation'). I would want to help in the movement to improve the image of engineers by publicizing all the good that the faculty does and by developing a positive rapport with industries, possibly in a common charitable effort. I know that I can provide responsible, professional leadership for the Engineering Society while maintaining a welcoming, friendly environment for all students. On March 9 and 10, VOTE for RESPONSIBLE LEADERSHIP. VOTE COSY FOR PREZ!!!

Robert Drascic

Hi, my name is Rob Drascic and I'm running for the position of President of the Engineering Society. This position requires a great deal of knowledge as to the workings of the Society. My three years of experience on council (Toike Publishur, Communications Chair, and V.P. Finance) have given me a broad base from which to work. I have worked closely with both the general and executive councils and have been involved in numerous activities run by the Society. This involvement was rewarded last year when I was the recipient of the Engineering Society Centennial Award for being a general nuisance around the Eng Soc.

As V.P. Finance, I have learned all of the inner workings of the Society and have dealt with and built a strong working relationship with most of the firms with which the Society deals. I was also responsible for the hiring of a new secretary and the purchase of both the new laser printer and photocopier.

Dealing with the financial aspects of almost every project run by the Society has given me first hand knowledge of how to direct these activities in the future. I also learned where most of the problem areas were and I have many ideas on how to correct them.

I feel that the person elected to the position of President should first and foremost be accountable to the students. In this I mean that the president should spend as much of their non class time in the office as possible so that they are approachable by students. As anyone around the Eng Soc will now tell you, I am almost always at my desk doing either Society work or my homework and am always willing to deal with students problems.

The position of President of the Engineering Society is a very important position that requires a great deal of communication skills which were avidly demonstrated by me as on of U of T's representatives at the CCES meeting in Halifax this January. I am also used to dealing with the media due to the recent Toike controversy.

All in all, I feel that I have the experience, knowledge, and enthusiasm required to be your next President. So vote for me, Robert Drascic, on March 9 and 10. Thank you.

V.P. Finance

Thomas Barnes

Acclaimed

It appears that I'm supposed to write a little article to commemorate the fact that I'm running for the position of Vice-President Finance of the Engineering Society. Okay, here goes:

My name is Thomas Barnes, I'm in second year Engineering Science, live at home in Toronto, have three younger brothers, no pets, a terrible sense of humour, and every book ever written by Paul Anderson. But enough about me.

There are several important features which a Vice-President of Finance should have: Responsibility and commitment, a knowledge of the workings of the Engineering Society, a limited degree of mathematical ability, the necessary time for the job, and being bone-headed enough to run for the position in the first place are all important. I feel that I meet all the criteria.

In my two years in Engineering, I have been a member of the famed LGMB [I'm the fire bell player from hell], part of the production staff for Skule™ Nite [as Properties Manager & Assistant Manager, as well as part of the writing staff and set construction team] and have helped with elections, orientations, Shinerama, and many other activities of the Engineering Society. As everyone there knows, I'm always [a little too] willing to help out with whatever is going on.

Next year will be a great year for everyone in Engineering, especially for those involved in the Engineering Society. Why, I don't know yet, but I have this feeling...

Beware of warthogs bearing date palms.

Thomas Barnes

Candidates

V.P. External

J. Andrew Wyllie

Andrew Wyllie has spent the last couple years banging his head against closed doors, talking to people who can not hear him and writing utter bullshit for *the Cannon* and *the Toike Oike*. He did not write a Code of Ethics for *the Toike*, nor did he sit around all year and bitch about media policy. He did not go to Halifax in January to meet engineers from all across Canada and he did not talk to these engineers about problems in their EngSocs. He was not Communications Chairman, he wasn't editor of *the Cannon* two years ago and he did not work on the Frosh Hand Book.

For next year Andrew would like to see free tuition, all funding from corporations at U of T removed, and the removal of anybody or thing doing research for the Ministry of Defence [i.e.:Like the army].

In the event that Andrew Wyllie is not elected as president of the university, he would like to run for the position of V.P. External in the Engineering Society. He would like to improve relations with U of T EngSoc and other EngSocs in the country. He would also like to start a new publication of the EngSoc which will have contributors from engineers in the field, professors in engineering at U of T, and students in engineering, and he will come out once a year and help EngSoc get a more professional reputation.

Andrew Wyllie would like to see all other publications continue as they have [i.e.: *Toike* and *Cannon*], he would like to increase awareness of the good things engineers do, get more high school students aware of engineering and generally spread engineering propoganda all over the world.

Andrew Wyllie would like to talk to every student in engineering who has a beef about anything, he would like to sit down and have a beer with the Dean, and he would like somebody to teach him how to tie his shoelaces.

Yes!! Andrew Wyllie is the man for the job, so vote early and vote often for Andrew Wyllie: V.P. Extemal, and if he is elected, come down to EngSoc and see if you can help him find his goldfish.

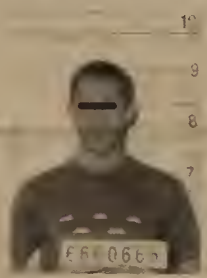
Wayne Bell

V.P. Activities

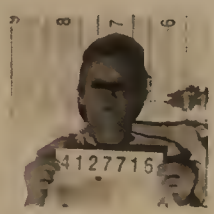
Kevin Fair Acclaimed

The V.P.: Activities is one of the most important members of the EngSoc executive because he or she is responsible for keeping the Skule™ spirit alive in this faculty. U of T engineers have a long standing tradition of being, by far, the most spirited and rambunctious group on campus. It's important to me to see this tradition continue.

The biggest responsibility for the V.P. Activities is organizing Orientation, a job that requires experience. I've been active in the last two Orientations, one as a frosh and one as a sub-committee chairman. Being currently on the Orientation Review Committee, I am involved in discussions regarding last years Orientation and plans for next years. While Orientation is a big part of the job it's not the only one. Throughout the year the V.P.: Activities is responsible for all events run by the Blue & Gold and Social committees. My goal is to encourage more participaction in these events and to create new events based on what people want.



For the past two years I've been actively involved in Blue & Gold committee [organizing Godiva Week events] the L.G.M.B. [being appointed Drum Major for the next two years], the *Cannon* and *Toike*, the B.F.C. and in high school liaison. I'm an elected Faculty Rep. and I was a delegate to the RESSA'88 conference in Sherbrooke Que.. This experience will allow me to carry out the tasks of V.P.:Activities effectively. Skule™ spirit is important to me, show me it's important to you by giving me your support.



Secretary

Aaron Laing

For those of you who don't know me, let me introduce myself. My name is Aaron Laing. I'm in second year Eng. Sci. and I live at New College, here on campus. This year I'm Junior Leedur of the LGMB and next year I will be senior Leedur. I've been in the LGMB since F!rosh week of first year and I've spent a lot of time with the Bnad. As a result, I've been to most of the Eng. Soc. events over the past two years, like Cannon Ball, Grad Ball, most of the Godiva Week events (I helped build and race one of the only F!rosh chariots ever to finish the race), the Rites of Spring and Last Bash pubs, Hart House Farm, Engineering Ski Day. This year, I worked as a member of the SkuleTM Nite stage crew and the Orientation Committee, particularly on the F!rosh handbook. I've spent a lot of time in the Eng. Soc. and I feel that I have a pretty good idea of what goes on. Now I'd like a chance to get in on the running of things. Well, maybe not the actual running of things; if I'm elected as Secretary, I won't really have a position of power, I'll be there to keep tabs on what's going on, attend meetings, take minutes, and generally help keep things shipshape. I think that's something I'm capable of doing.

Robin Wilson

My name is Robin Wilson and I am a third year mech. In the coming election I am running for the position of secretary of the Engineering Society. Over the years I have maintained a strong involvement in the Eng Soc. You may know me as the B.F.C. Chief this year, but I was also High School Liaison Chairman last year. I've been a member of the Orientation committee every year I have been here. I was also one of those responsible for "Da BFC steals Da Toike Oike" issue of the Toike Oike. That was the collectors edition that got the Engineering Society in trouble. This may be bad publicity for me but I want you to know where I stand. I'm not afraid to say that I supported the Toike in its old format. What I'm trying to show you is that I have been and integral part of the Eng Soc with a large base of experience. That experience is what is needed by officers of the Eng Soc because if we fail in our duties it carries down the chain to you. You are going to have think about who you want as officers of the Engineering Society. You may not know me or any of the other people running but your vote is important because our actions affect you as engineers. Even if don't plan to vote for me, please vote.

ENTERTAINMENT

LADY GODIVA :

Her Hills are Alive With The Sound of Music

(Reprinted with the permission of Rolling Stone)

In 1977, the Lady Godiva Memorial Band released "BAND WITH THE RUNS", an album surpassed in longevity only by Pink Floyd's "Dark Side of the Moon". It is now 1989, and the long-awaited follow-up album is finally here!

It had been over a decade since the BNAD had stepped foot into a recording studio. Much had changed since the good ol' days, but as the saying goes, "To live in the past is to be a fool."

So, under the leedurship of Donna Cieszynska and Peter Noble, the work began on the album to end all albums. Fueled by sheer determination, a strong passion for music and large quantities of beer, the BNAD toiled through hour after hour of painstakingly arduous sessions. With each successive session, the temptation to cut corners and finish it fast increased exponentially, but the BNAD's members stood firm; their committment to quality would not be sacrificed. When their work was done, they knew they had forged an album worthy of their name. Thus "NEVER MIND THE FOOTBALL GAME, HERE'S THE LGMB" was born to continue where their last (and still available!) album left off.

This new album's diversity is a delight to the senses. It combines the sound of the north with the taste of the south, along with a touch of the east and the smell of the West. Not wanting to expose too much at this time, I cannot list all the many favorites this album includes. However, I am at liberty to tell you about the BNAD's beautiful rendition of "Black Christmas" (played in A-flat minor thru F-sharp major).

"When?" you ask, "When can I purchase this great advancement in aural stimulation?" Well, the album is due out in late March, pending approval of the PMRC. It makes a great Easter gift, and unlike those glucose-constructed quasi-rodents it is non-fattening and does not promote tooth decay. Finally, I would like to leave you with a helpful hint--to thoroughly enjoy Lady Godiva's musicalbum, buy two and experience the full stereo effect.

by Wayne Bell

University of Toronto MBA
Financial Symposium

THE FINANCIAL MARKETS: CHALLENGES IN THE 1990's

- Deregulation
- Swaps
- Japanese Capital
- Global Innovation
- LBOs . . .

Friday March 17, 1989
Concert Hall, Royal York Hotel
100 Front Street West, Toronto

Ticket Information
The Symposium is open to the business community, faculty, and students. The registration fee is $75.00 per business delegate. The fee includes all sessions, coffee, reception, and luncheon. Registration begins at 9:00 am. To reserve your tickets call 978-6733.
Limited tickets available

STUDENTS $15

Cocteau Twins
Blue Bell Knoll

O.K. Somebody please tell me what language this girl is singing in. The girl's voice is being used as a musical instrument on this album. An intriguing voice to say the least-I was impressed. The music is pretty clean-cut but offers no drastically different style to the album on the whole. This is basically music you can put on while your studying. It's something that won't distract you much while your studying. But watch out, it's also likely that it will put you to sleep if your tired.

The Waterboys
Fisherman's Blues

You have to get a hold of this album. Find a friend who has it, open it up, then take a look at the "Thank You" section. There are about 160 people listed on this, ranging from Bob Dylan to U2 to the "young people of Ireland". I got a kick out of that. Anyways, aside from the cover, the music is based around a type of country sound. All of the songs have a mandolin [my favorite was a "Fuzz Mandolin" used for "World Party"]. Another oddity was that they have 6 different drummers, only two of which play more than once [and three of the eleven songs don't even have drums]. The last few songs also feature a bouzouki [a kind of mandolin] which I've never heard on an album before. Bizarre, but somehow still interesting.

Seminar or Seduction?
The Professional Development Committee of the Engineering Society presents
CULTS
New Threat in the Workplace
a talk by
Dr. Robert Tucker
Director of COMA
the Council on Mind Abuse
Friday, March 10
12 - 2 pm
Blue Room, SF1105
Student ID Required

The Primitives
Lovely

The Primitives-Lovely
Another girl singer leads this one off. My first impression of this was a Bananarama or Bangles stype sound. The style changes throughout the album, however, and gives the whole thing a lot of variety. "Spacehead" was one of the only songs that I didn't like, maybe the name helped the opinion. The music overall is bouncy and enjoyable. Most of the songs on this album can be danced to so it may be worth getting it just for that.

Carlos Iglesias C1V9T0

Skule^{TM} Nite

This year's Skule Nite was a very good, highly entertaining production. Much effort is apparent, and a lot of people have done a lot of planning and hard work. That's not to say they didn't have fun though - the performance showed a great deal of energy and enthusiasm (which is really not surprising considering that's what the directors advertise for every year during auditions) and this made for a lively show. A warning, however: to watch this show, you'd better have a rather high tolerance to puns. A lot of them. Even though they were, admittedly, hilarious.

One of the things that made such a good show was the writing. No matter how talented the cast, and it was good, bad writing would have gotten everyone nowhere. There were some very effective parodies of well known scenes in literature, television and almost anything else - originality was a strong points of the script. The writers used many puns and also a couple of engineering 'in' jokes but these seemed reasonably well chosen and you would have gotten the idea whether or not you were from Engineering. (I checked by watching the reaction of the artsie I brought along. :) Also, the show as a whole was funny without being overbearingly so, which is likely as important as anything else.

The cast was also notable, and put a great deal of effort into entertaining the audience. In general, stage presence was good and the acting was well done. However, some work could still be used on stage management since the action sometimes seemed a little chaotic. The performers' concentration picked up though, as the show progressed, and it showed in the intensity and the focus of the action. The dancing was good, although maybe a bit off beat at times. Singing as a whole was not bad, although the performers did seem to have some minor problems with enunciation, projection and emphasis. Nevertheless, on the whole, the performers put in a good effort, and they kept the whole pace of the show up well.

An important part of any show is the staff supporting the actors up on stage. I should especially complement the choreographer, who did a good job at arranging interesting dances that did not detract from other aspects of the performance. The band was also very strong, and gave an extremely good performance. I should mention the stage crew, which was suitably quite and efficient, and the set creators, who produced a set which was functional and looked good without being overly elaborate. The same also goes for the costume designers. Sound and light were also well used and well managed.

On the whole, the production was very enjoyable, and the effort that has gone into it is well apparent. Compliments to everyone involved.

by Ben Lee

Appointed Positions

There are a number of appointed positions available at the Engineering Society. Nomination forms are available from Julie in the Eng Soc office. Nominations close March 22, 1989 at 12:00 noon. Voting will take place at the Joint Council Meeting on March 22, 1989 at 5:00 pm. The following positions, followed by brief job descriptions, are the available appointed positions. You do not have to be a class rep to run for any of these positions. While these positions are a great way to get involved and look great on a resume, it is hopd that people will run only for a position in which they are interested and to which they are prepared to dedicate enough time to do the job well. If you are interested in any of these positions and require more information, come down to the Eng Soc during lunch and ask around. (Start with Julie).

Suds Managers (2) Responsible for running th weekly Friday afternoon SUDS Pub. This includs doing a weekly inventory of the beer locker, ordering more beer from CBS, keeping the books for the pub, providing music at the pub, and running bi-occasional events such as euchre tournaments, darts tournaments, the dating game, talen contest etc. Besides Fridays, SUDS pubs are also run every night during Godiva Week (second week in January) and several times during Orientation.

Skule Nite Producer - Required to produce Skule Nite, the musical comedy revue. If you have to ask you shouldn't run for producer. It is recommended to be involved in a production of Skule Nite first, before running for producer.

Engineering Book Stores Manager - Looks after the running of the Engineering Society Book Store as well as doing the books for the Stores. Responsible for signing cheques for the Stores.

Women's Committee Chair - Responsible for organizing and running the Women's Committee. Previous years' activities include a dinner, a wine and cheese, group discussions of issues affecting women in engineering. You do not have to be a woman to run for this position.

Computer Committee Chair - Responsible for overseeing the running fo the Engineering Computer Committee. Once again, due to the involved nature of the position, previous experience on the Computer Committee is essential to do the job well.

Orientation Committee Chair - Responsible for overseeing and running the September Orientation. Traditionally this position is filled by the Vice-President Activities and is offered to others only if the V.P. Activities is unable to accept.

Archivist - Responsible for supplying the Engineering Archives with material from present activities of the Society as well as searching the Archives for comic strips starring former Eng Soc presidents who are now prominent staff members in the Faculty.

Toike Oike Editor-in-Chief - This hearty soul is responsible for making sure that the Toike Oike is published bi-occasionally during the school year. This involves finding editurs, delivering material to the printers, and distributing Toikes all over campus, including Urindale and Scarberia.

Cannon Editor - This person edits the serious rag put out by the Engineering Society, the Cannon. This job can be handled by one person or, if you're joined at the hip, two will do fine. This journalistic classic should include articles about Engineering Activites such as Athletics, BFC capers, Godiva Week, Orientation, special awards, or just about anything going on in the Faculty.

Yearbook Editor - Edits the Yearbook. Some experience a definite plus but if you're a lower year student and this sort of thing interests you thn by all means, get involved in the production of the Yearbook.

Handbook/Calendar Editor - Responsible for the production of the Handbook/Calendar that is distributed at Orientation to the incoming Frosh class. This job, therefore, takes place over the summer and requires someone who is adept at flagrant Plagiarism as most of the necessary material is already available from previous editions.

Ads Manager - This person is responsible for procuring advertisements for all of the engineering publications mentioned above. This job requires limited intelligence but a lot of persistance. The job is not without its rewards, however, as the procurer of any ad receives ten percent of its value as a commission. If you are willing to put in the time required to fulfill the obligations of the position, please don't run as the income provided by the ads is essential if we are to continue to provid high quality Engineering publications.

Project Magazine Regional Editor - Your guess is as good as mine. Still, it looks impressive as hell on a resume, especially if you're thinking of switching into journalism.

Speaker - Being able to speak is not the only requirement of this job. A working knowledge of the fundamental rules of order (Robert's Bourinot's) generally used for meetings is highly recommended. Previous experience running meetings is also a definite asset.

Committee Descriptions

Class Rep Responsibilties
1. Check mailbox frequently.
2. Announce events to your class.
3. Sit on at least one committee (will be monitored).
4. Attend all Eng Soc meetings (miss two and by-election held).
5. Only class reps can run for committee chair positions.

CLASS REP ELECTION SCHEDULE MARCH 13 - 15

Monday, March 13
10:00 am - MECH III MC 254
2:00 pm - CHEM III WB 119
3:00 pm - ELEC III SF 1101
- IND II MC 252

Tuesday, March 14
1:00 pm - CIV III GB 220
2:00 pm - CIV II SF 1105
3:00 pm - MECH II MC 254

Wednesday, March 15
10:00 am - CHEM II GB 244
12:00 pm - NY II SF 1101
1:00 pm - ELEC II SF 1101
2:00 pm - IND III MC 252

T.B.A.
GEO II and III NY III
MMS II and III

Blue and Gold - The Blue and Gold Chairman is responsible for running Godiva Week in January (This includes Chariot Races, Flue Flow Lab,s etc.) and also for building and organizing the Homecumming Float/Chariot. You need to be a spirited, fun-loving kind of person to run for this position!

Communications - This chairman is responsible for overseeing the Engineering publications including the Toike, The Cannon, the Skulebook, and the Handbook/Calendar.

Fourth Year - The chairman is responsible for th organization of the Grad Ball, Iron Ring Ceremonies (with the help from club chairmen), awards for al lyears, the permanent executive, and any fourth year class function. They will also attend Alumni Executive Council Meetings.

Professional Development - This committee is responsible for organizing speakers and co-ordinating OEDC (Ontario Engineering Design Competition) entrants from U of T.

High School Liaison - The chairman co-ordinates tours, openhouse workers and trips back to high schools to talk about U of T Engineering.

Employment - This chairman serves as a liaison between students and our hired Employment Liaison Co-ordinator at the Career Centre. They will organize the Job Fairs, Career Week, Seminars on how o find a job and meetings between students and interested employers from industry.

Social - The Social Committee organizes things like the Cannonball, major pubs, Oktoberfest, the Outhouse Race etc. Also needed: One fun-loving individual.

JOINT COUNCIL MEETING

The University of Toronto Engineering Society's Annual Joint Council Meeting will be held on Wednesday, March 22, at 5:00 pm in SF 1101. The purpose of this meeting is to rid the society of its present crop of Officers, Committee Chairs, and Class Reps and to swear in the new batch of Officers, Committee Chairs and Class Reps. A schedule of class rep elections for all second and third year classes can be found elsewhere in this Cannon. The other major function of this meeting is to appoint people to the appointed positions. The Joint Council Meeting should be attended by all (present and future) Officers, Committee Chairs, and Class Reps as well as anyone nominated for an elected position. Coffee and donuts will be served and attendance by all concemed would be very much appreciated.

The University of Toronto Engineering Society's annual elections will be held on Thursday, March 9 and Friday, March 10, 1989 between 9:00 am and 5:00 pm. A valid Engineering Student Card is required to vote. The following positions may be contested (if more than one person is nominated for them):

President
Vice President External
Vice President Activities
Vice President Finance
Secretary
Engineering Athletic Association President

COMMITTEES ELECTION SCHEDULE

Monday, March 20
12:10 - Blue & Gold
12:40 - Social
1:10 - Prof. Dev.
1:40 - H.S. Liaison

Tuesday, March 21
12:10 - Fourth Year
12:40 - Employment
1:10 - Communications

You are only eligible to vote if you have signed up for next years committee. These elections are to be held in SFB740 unless posted otherwise.

Impressions of Skule™

A Blast From The Past

The Engineer's Hymn

Godiva was a lady who through Coventry did ride,
To show to all the villagers het fine and lily-white hide.
The most observant villager, an Engineer of course,
Was the only one to notice that Gndiva rode a horse.

Said she, "I've come a long, long way and I will go as far,
With the man who takes me from this horse and leads me to a bar."
The men who took her from her steed and stood her to a beer,
Were a blurry-eyed surveyor and a drunken Engineer.

Godiva was a lady well-endowed there was no doubt,
She never wore a stitch of clothes just wound her hair about.
The fitst man that made her was an Engineer of course,
And on just one beer an artsie queer made Godiva's hotse.

My father was a miner from the Northern Malamute,
My mother was a mistress in a house of ill repute.
The last time that I saw them both these words rang in my ears,
"Get out of hete you son of a bitch and join the Engineers".

An artsman and an Engineer once found a gallon can,
Said the artman,'Match me drink for drink, let's see if you're a man."
They drank three drinks, the artsman fell, his face was turning green,
But the Engineet drank on and said "It's only gasoline."

I happened once upon a girl whose eyes were full of fire,
Her physical endowments would have made yout hands perspire.
To my surprise she told me that she never had been kissed,
Her boyfriend was a tired engineering scientist.

The army and the navy boys went out to have some fun,
Down to the local tavern where the fiery liquors run.
But all they found were empties, for the Engineers had come,
And traded all their instruments fot gallon kegs of rum.

Sir Francis Drake and all his men set out for Calais Bay,
They'd heard the Spanish Rum fleet was headed that way.
But the Engineers had beat them by a night and half a day,
And though as tight as virgins, you still could hear them say...

On reading Kama Sutra, a guy learned position nine,
For proving masculinity, it truly was divine.
But then one day the girl tebelled and threw him on his rear,
For he was a feeble artsie and she was an Engineer.

Caesar set out for Egypt at the age of fifty-three,
But Cleopatta's blood was warm, her heart was young and free.
And every night when Julius said goodnight at three o'clock,
A Roman Engineer was waiting just around the block.

Venus is a statue made entirely out of stone,
There's not a fig leaf on her, she's as naked as a bone.
On noticing her arms were gone, an Engineer discoursed,
"The damn thing's busted conctete and it should be reinforced."

An Engineer once staggered in through the Roderick Gate,
He was carrying a load you would expect to ship by freight.
The only thing that kept him upright and on his course,
Was the boundary conditions and the coreolis force.

A maiden and an Engineer were sitting in a the park,
The Engineer was busy doing research after dark.
His scientific method was a marvel to observe,
While his right hand wrote the figures down, his left hand traced the curves.

My fathet peddles opium, my mother's on the dole.
My sister used to walk the street, but now she's on parole.
My brother runs a restautant with bedrooms in the rear,
But they don't even speak to me 'cause I'm an Engineer.

Joe E. Skule's 100 but he has a heart of gold,
He gave the Meds his Skule house when it was 94 years old.
The meds were very grateful, but they have problems with precision,
For they use those T-squares and dividers for making their incisions.

Ace Towing roams the streets of Yorkville each and every night,
They tow the cars, and stow the cars and hide them out of sight;
They tryed to tow Godiva's Horse, the Engineers said "Hey!",
They towed away the towing truck, and now the Ace must pay.

CHORUS:
We are, we are, we are, we are, we are the Engineers,
We can, we can, we can, we can demolish forty beers,
Drink rum, Drink rum, Drink rum, Drink rum, and come along with us,
For we don't give a damn for any damn man who don't give a damn for us!

— CANNON —

Toike Oike, Toike Oike, (SKULE YELL)
Ollum te chollum te chay,
School of Science, School of Science
Hurray,Hurray, Hutray.....

We are, we are, we are the Engineers,
We can, we can demolish forty beers,
Drink rum (straight), drink rum (straight), and come along with us,
For we don't give a damn for any damn man who don't give a damn for us !!!
YAAAY SKULE!!

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The U of T Engineering Society Presents

Skule 78/79